Info-Hams Digest   Thu, 31 Mar 94   Volume 94 : Issue 353

Today's Topics:
                ARRL Email Server - periodic announcement
            Can you tell me what these memory chips are?
         HELP: Anyone know what a XR2206 chip is? (2 msgs)
                          Is 10M Dead?!
                 Looking for Sep 92 QEX article
                     Obscenity on ham bands
             Rec.Radio.Amateur.Antennas activity??
                          reward notice
                     silent 700 pinouts?
               STOP SENDING HAMS ON USENET CRAP !!!
                  TELEPHONE INTERFERENCE SURVEY
               Yaesu 5200 Develops new "Feature"?!

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Announcement - ARRL Information Email Server (info@arrl.org)

The services that the ARRL provides via the internet include the
Email Information Server and the Technical Information Service.
The Information Server is an automated mail server that gives you

access to many of information files relating to various facets of
Amateur Radio. You can retrieve any or all of these files by
sending an email message to info@arrl.org here at ARRL HQ.
Each file you request is then mailed to you automatically.

To use it, mail messages to:

    info@arrl.org

Each line of the message body should contain a command as shown below.
The subject of your message is not processed and may be omitted. You
may place as many commands in a message as you want. The files you
request will be sent to you in separate messages. Only ASCII text
files are supported.

Valid INFO commands:

reply <address> (may be needed - see below for explanation)
help
index
send FILENAME   (example: send prospect.txt)
quit

In the above message example, "help" retrieves a brief set of
instructions for info, "index" retrieves a list of available files
and "prospect.txt" retrieves a text file containing information on
becoming a radio amateur.

Note to users with FTP capability: All of these files are also
available by anonymous ftp to ftp.std.com in the
/pub/hamradio/ARRL/Server-files/info area.

If you want to retrieve several text files with one message, use a
separate line for each "send filename" request.

Your From: field or Reply-to: field in your header should contain a
valid Internet address, including full domain name. If your From:
field does not contain a valid Internet address, the answer will not
reach you. If this is the case, then use the reply command as shown
above. When needed, this command should always be the first command
in your message.

IMPORTANT: Please use the quit command in your message. This will
           prevent processing errors from message signatures.

PLEASE NOTE!: This is an automated system not capable of handling
written requests. Any questions on the info-server or the content
of any of its files should be directed to mtracy@arrl.org.

ALSO NOTE!: Do *NOT* reply to messages sent from info@arrl.org - the
reply address is redirected to keep bounced messages from endlessly
looping. Write a new message to info@arrl.org instead.

The Technical Information Service gives League members on the
internet better access to the knowledgeable technical staff here
at ARRL HQ. Questions relating to Amateur Radio and related
technical topics are welcome. To use this service, send a normal
e-mail message to tis@arrl.org with your question spelled out in
plain english. For best service, be as specific as possible and
keep your line length in messages to a maximum of 80 characters.
Due to personnel limitations, priority will be given to questions
from League members.

Best Regards,

Michael Tracy, KC1SX, ARRL Technical Information Services Coordinator
(e-mail mtracy@arrl.org)

Sample of files available from INFO: (There are lots more!)

Note - If you are not yet an Amateur Radio operator retrieve the
file prospect (send prospect) for information on how to easily get
started in this fun hobby.

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FILENAME          SIZE  DATE  DESCRIPTION
----------------- ---- ------ --------------------
PROSPECT.TXT        2k 930514 How to get your Amateur Radio license
EXAMS.TXT          52k 930629 Current exam schedule info - updated bi-weekly
EXAMINFO.TXT        9k 921020 Examinations - what to bring - requirements
USERS.TXT           6k 930119 List of HQ Email addresses
ARRLCAT.TXT        39k 930709 Catalog of ARRL Publications - commercial content
JOIN.TXT            2k 930621 How become an ARRL member
SERVICES.TXT        5k 930621 A condensed list of ARRL membership services
TOUR.TXT           28k 930621 An electronic tour of ARRL Headquarters
DIR.HQ              5k 930310 Visiting ARRL HQ - diretions and tour information
HFBANDS             7k 921203 Breakdown of users of HF spectrum
Q-SIGS              1k 921203 ARRL list of Amateur Radio Q-signals
W1AW.SKD            2k 930120 W1AW schedule of transmissions and operation
PRODREV1.TXT       12k 930227 Which rig is best? Part 1 - QST Lab Notes
PRODREV2.TXT       22k 930227 Which rig is best? Part 2 - QST Lab Notes
!LIST.TXT           6k 931120 QST Bibliographies List
RFIGEN.TXT         37k 930120 How to solve an EMI/RFI problem - QST Lab Notes
RFISOURC.TXT       13k 930607 Where to buy filters - EMI-proof telephones etc.
ADDRESS.TXT        16k 930318 Lots and lots of ham/electonic company addresses
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KITS.TXT            6k 930430 List of companies that sell kits
BBS.TXT            12k 930601 List of ham-radio land-line bulletin boards
FAQ1.TXT           25k 930707 Introduction to the FAQ and Amateur Radio
FAQ2.TXT           45k 930707 Amateur Radio Orgs, Services and Info Sources
FAQ3.TXT           32k 930707 Amateur Radio Advanced and Technical Questions
```

American Radio Relay League, Inc.   "Devoted entirely to Amateur Radio"
225 Main Street   Tel: 1-203-666-1541
Newington, CT 06111   Fax: 1-203-665-7531

Date: 30 Mar 1994 16:06:27 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!darwin.sura.net!
news.larc.nasa.gov!arbd0.larc.nasa.gov!zawodny@network.ucsd.edu
Subject: Can you tell me what these memory chips are?
To: info-hams@ucsd.edu

Hi,

 I have some memory chips that I need more info on. Specifically, I
have these chips:

 KM41C1000AJ-8
 KM41C1000BJ-8 Is this really different from the AJ?
 KM41C4000AJ-8
 M5M44410AJ A Mitsubishi chip

I am reasonably sure the first two are 1Mbit x 1 chips. I hope the third is a
4Mbit x 1 chip. I hope the fourth is also a 4Mbit x 1 chip, but fear it is a
1Mbit x 4 instead. I intend to use these chips in having some SIMMs made up
for a PC.

 In a somewhat related topic. Do any of these companies that build
SIMMS from "your" chips offer to remove the surface mounted chips from existing
PC boards?

 TIA,

--
 Joseph M. Zawodny   (KO4LW)   NASA Langley Research Center
 Internet: zawodny@arbd0.larc.nasa.gov   MS-475, Hampton VA, 23681-0001
 Packet: ko4lw@n4hog.va.usa

Date: Tue, 29 Mar 94 22:24:33 PST
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!
mala.bc.ca!oneb!ham!emd@network.ucsd.edu
Subject: HELP: Anyone know what a XR2206 chip is?
To: info-hams@ucsd.edu

zawada@softage.demon.co.uk (A Gnome On A Mission) writes:

> Help, has anyone out there heard of a chip XR2206?
>
> It's used in a converter to send SSTVFAX in a shareware program called
> SSTVFAX2. From what I can make out, it seems to be some kind of modem
> chip, but I can't find it in any of the catalogues I have. Can anyone
> help me with any of the following information?
>
> 1. Has it got an equivalent chip I can use instead?
>
> 2. About how much is it?
>
> 3. Give me an address anywhere (any country), I can order it from.
>
> Thanks in advance.
>

The XR-2206 is made by EXAR, and is a monolithic function gernerator. It
makes a sig generator - it can make sine, square, triangle, ramp and
pulse waveforms.

I don't know of any crosses, but most electronics wholesalers ought to be
able to supply EXAR ics.

Robert Smits   There is *no* idiotproof filter.
VE7EMD   Idiots are proof against anything!
Ladysmith B.C.   - Richard Chycoski, VE7CVS
e-mail: emd@ham.almanac.bc.ca

Date: Wed, 30 Mar 94 11:34:46 EST
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!gatech!news.byu.edu!
news.mtholyoke.edu!world!mv!lmr!rapp@network.ucsd.edu
Subject: HELP: Anyone know what a XR2206 chip is?
To: info-hams@ucsd.edu

zawada@softage.demon.co.uk (A Gnome On A Mission) writes:

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>
> 2. About how much is it?
>
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>

It's made by EXAR and is very common. Jameco Electronics (1-800-237-6948)
lists it as part #34972 and sells it for 3.75 in quantity 1. Jameco's
address is 1355 Shoreway Road, Belmont, CA 94002-4100.

Larry W1HJF

L. M. Rappaport & Associates, Inc.   rapp@lmr.mv.com   voice +1 603 237 8400
Colebrook, NH 03576-0158   CIS 72427,2567   fax   +1 603 237 8430

Date: Wed, 30 Mar 1994 10:18:47 +0600
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!bcm!news.tamu.edu!idmb-
secretary.tamu.edu!user@network.ucsd.edu
Subject: Is 10M Dead?!
To: info-hams@ucsd.edu

I certainly hope it's not too dead. I should have my rig finally ready to
hit the airwaves this weekend, and hope to be CQ'ing away on 10 meter
novice band, so listen up folks :)

Troyce
KC5CBI

--

Please read THE ELEMENT OF FIRE by Martha Wells, a Tor hardback at
quality bookstores near you. I live with the author and want
to go back to Disney World this year :)

Date: 30 Mar 1994 18:17:46 GMT
From: ihnp4.ucsd.edu!usc!yeshua.marcam.com!zip.eecs.umich.edu!
newsxfer.itd.umich.edu!ncar!csn!col.hp.com!chrism@network.ucsd.edu
Subject: Looking for Sep 92 QEX article
To: info-hams@ucsd.edu

  Is there anyone out there that could run a copy of an article from the
  Sep 92 issue of QEX for me? I am a new ham (still waiting for license).

  Thanks,
  Chris Magnuson
  chrism@col.hp.com

Date: Wed, 30 Mar 1994 19:16:33 GMT
From: envoy!equinox.ccs.unr.edu!destree@uunet.uu.net
Subject: Obscenity on ham bands
To: info-hams@ucsd.edu

Jeffrey D. Angus (jangus@skyld.grendel.com) wrote:

: In article <2n73kp$o6i@vixen.cso.uiuc.edu> dhughes@prairienet.org writes:
:   > I just passed my no-code test last week, and have been listening to some
:   > ham chatter on my SW receiver. Saturday night on 3910 kHz I heard some
:   > of the most disgusting language I've encountered anywhere. One guy was

 I have never heard any direct obscenities on the HF bands, but I
do know that they exist. I have heard a few EXTREMELY RUDE operators,
who, when questioned about excessive bandwidth and splatter, were rude to
the point of near swearing.

 Along the same lines, to my knowlege there was only one time that
I swore on the air. I had just wrecked my car, smashing into the side of
a mountain cliff. It was about 7 AM, and I autopatched my dad to come
help me. I wasn't hurt, but I was still shaken up.

 Dad: "What happened?"

 Me: "Well, I'm okay but the car is a little fu***d up."

 I didn't realize it at the time I did it. Several hours later it
hit me, and I felt terrible! I never had anyone call or write me
regarding it, so I assume either anyone listening understood that I was
still in shock, or nobody was listening. In either case, I now keep it in
mind every time I key the mike.

Louis

 BTW: To all the foul mouthed hams that are out there...there is
             still plenty of room on the good old 11 meter (Childrens
             Band). Take it down there, and let's keep it clean on
             the ham bands!
--
Louis A. Destree   University of Nevada, Reno
destree@equinox.unr.edu <> destree@equinox.bitnet Electrical Engineering
Amateur Radio: N7XNX   Bike: 1980 Honda CB750C
     "When things go from bad to worse, the cycle will repeat itself!"

Date: 30 Mar 1994 11:28:04 -0500
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!news.ans.net!hp81.prod.aol.net!
search01.news.aol.com!not-for-mail@network.ucsd.edu
Subject: Rec.Radio.Amateur.Antennas activity??
To: info-hams@ucsd.edu

 >>> I have posted two items to a newsgroup, rec.radio.amateur.antennas,
 >>> but have never ever seen any other activity on that newsgroup. I have

 > Perhaps if you changed it to rec.radio.amateur.antenna (singular)

Where would posts posted to the plural go? The bit bucket?

Jose   KD1SB

Date: 30 Mar 1994 16:58:07 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!vixen.cso.uiuc.edu!
newsrelay.iastate.edu!news.iastate.edu!kenman@network.ucsd.edu
Subject: reward notice
To: info-hams@ucsd.edu

In article <9403301509.AA16015@metro.mccneb.edu> pmarsh@metro.mccneb.EDU (Paul
Marsh) writes:
>
>[Unsigned Public Notice]
>A reward is offered for information leading to the arrest of EDDY
>CURRENT, charged with induction of an 18-year-old coil, named MILLI
>HENRY, who was found half choked. CURRENT escaped Weston Primary Cell
>and was missing since Faraday.
>
>Noted in The mini-Journal of Irreproducible Results ("mini-JIR")
>This is reprinted with permission. You do NOT have permission to copy

>this document for commercial purposes.
>For subscription information, send e-mail to: jir@mit.edu

According to Sheriff Kirchoff, authorities had assembled a network that
dropped CURRENT and now his capacity for additional reactance was impeded.

--
Ken Anderson   N0ZEM/AA Kenman@iastate.edu PH: 515.294.8996
126 Soil Tilth Bldg., Iowa State University, Ames, Iowa 50011

Date: 30 Mar 1994 10:18:25 -0500
From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!ncar!csn!col.hp.com!news.dtc.hp.com!
hpscit.sc.hp.com!hpuerci.atl.hp.com!hpuerca!edh@network.ucsd.edu
Subject: silent 700 pinouts?
To: info-hams@ucsd.edu

In <2naam3$p6v@Mercury.mcs.com> pcs@MCS.COM (Peter Salerno) writes:

> A friend of mine wants to use a silent 700 (model 745) to talk to a TNC. The
>serial port on this particular model is a DB15 and not a DB25 connector. Does
>anyone know what the pinout would be for this unit?

Don't know how general the interest is in this, but here goes:

Pin	Function	Description	EIA	CCITT
1	<-->	SGND	AB	102
6	--->	+5		
7	--->	+5		
9	<-->	Ground	AA	101
10	--->	+12	PRTS	
11	<---	DCD	CF	109
12	<---	RCVD	BB	104
13	--->	XMTD	BA	103
15	--->	DTR	CD	108.2

 Cheers & 73
 Ed Humphries N5RCK
 HP NARC Atlanta GA

Date: Tue, 29 Mar 94 20:41:11 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!EU.net!sun4nl!bsoatr!bsdihi!

dihi@network.ucsd.edu
Subject: STOP SENDING HAMS ON USENET CRAP !!!
To: info-hams@ucsd.edu

It happens again and again. Every couple of weeks six tremendous large
files with AMATEURS ON USENET. This times each part from the six even
three times. I think al the FCC's and PTT's like it, because it keeps
my modem so busy....

ok, ok, I know it is a lot of work to keep this list updated and, ok it
is usefull to know who you can reach by usenet. But why not this alternative:

AMATEURS ON USENET: Those interested can download the latest updated
version by ftp form server....

This saves a lot of unnecessary downloadtimes, my phonebill and I must
say some irritation.
What do Y'all think of my idea??

Dick Hissink PA3DSP
Email:dihi@bsdihi.atr.bso.nl

Date: Wed, 30 Mar 1994 16:26:04 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!darwin.sura.net!
hearst.acc.Virginia.EDU!cscsun!dtiller@network.ucsd.edu
Subject: TELEPHONE INTERFERENCE SURVEY
To: info-hams@ucsd.edu

Marc B. Grant (marcbg@netcom.com) wrote:
: Transcribed from printed pages by the Field Services Department
: of the American Radio Relay League, Inc., 225 Main St., Newington, CT
: 06111 (203) 666-1541.
:   TELEPHONE INTERFERENCE SURVEY
:   February 28, 1994
:   Telephone Interference Survey
: Background
: The Federal Communications Commission (FCC) receives 25,000
: complaints per year from individuals who are unable to use their
: telephones because nearby radio stations interfere with the proper
: operation of the telephones.

:   Types of Transmitting Stations

: FOB inspected 108 transmitting stations which were involved in the

```
: telephone interference complaints, as follows:

:                              Citizens Band           47
:                              Amateur                 27
:                              AM Broadcast            23
:                              FM Broadcast            10
:                              International Broadcast  1

: DT  N  CB      5  N    N   Y  AT&T                 (NONE) (FCC AS593M-70230)
: DL  Y  CB      5  N        Y  AT&T                 1618
: KI  N  CB      5  N           AT&T                 720
: BM  N  CB      7  N    N   Y  AT&T                 PRINCESS AS 550 Z-71322
: DL  N  CB      5  Y        Y  AT&T                 TRIMLINE 220
: KI  N  CB      5  N           BELL PHONES          100-5800
: AT  Y  CB    160  N    N   Y  BELL SOUTH           2000
              ^^^^
: KI  N  CB      5  N           BELL SOUTH           473
: ST  N  CB     75  N    N   Y  CONAIR               PR 1000
              ^^^^
: LV  N  CB     57  N    N      CONAIR               SW 2502
              ^^^^
: TP  N  CB      5              CONAIR               SW204
: SD  N  CB     12  N           FORTEL CORP          RECORD A CALL #2140
: MA  N  CB      6  N           GENERAL ELECTRIC     2-9166B
: LV  Y  CB      5  N    N      GENERAL ELECTRIC     2-9356
: MA  N  CB      6  N           GENERAL ELECTRIC     2-9420A
: PS  Y  CB      5  Y    Y   Y  GENERAL ELECTRIC     2-9892A
: BF  N  CB      5  N        Y  GENERAL ELECTRIC     MEMORY MODEL 21
: MA  N  CB      6  Y           GENERAL ELECTRIC     NO 29420A
: SD  N  CB     54  N    N      GENERAL ELECTRIC     SPEAKER PHONE 2-9375F
              ^^^^
: HU  N  CB    110  N           LONE STAR            912
              ^^^^
: BS  N  CB      5  N    N      LOTEL                5020 DUEL LINE
: BS  N  CB      5  N    N      LOTEL                5020 DUEL LINE
: DT  Y  CB      5  Y    N   Y  NORTHERN TELECOM     SYMPHONY 3000
: SD  Y  CB     12  N           NORTHWESTERN BELL    BASIC TGT 51450
: KI  N  CB      5  N           PHONEMATE            3900
: NF  N  CB      7  Y    N   Y  PHONEMATE            3950
: PS  Y  CB      5              RADIO SHACK          43-384
: AT  N  CB    160  N        Y  SEARS                3293 4761550 SR 3000
              ^^^^
: ST  Y  CB     75  N    N   Y  SOUTHWESTERN BELL FREEDOM PHONE FC 2570
              ^^^^
: SJ  N  CB     26  N        Y  TELEFONICA           TXE-1 HISPANO AMERICAN
              ^^^^
: SJ  N  CB      7  N        Y  TELEFONICA           TXE-1 HISPANO AMERICAN
: LV  Y  CB      5  N    N      ULTRSONIC            019
```

```
: VB  Y  CB       30  Y             UNISONIC              6434
                     ^^^^
```

Assuming the 5-12 watt CB entries were sideband (ie legal), was anything
done to the illegal CB operators? As a side note, none of the Amateur
stations were over the 1500W limit, although there's no way to prove
they were within the other constraints of their license.
--
```
David Tiller          | Network Administrator | Voice: (804) 752-3710   |
dtiller@rmc.edu       | Randolph-Macon College| Fax:   (804) 752-7231   |
"Drunk, [Beowulf] slew | P.O. Box 5005         | ICBM:  37d 42' 43.75" N |
no hearth companions." | Ashland, Va 23005     |        77d 31' 32.19" W |
```

Date: 30 Mar 1994 17:15:09 GMT
From: nwnexus!chinook!ghader@uunet.uu.net
Subject: Yaesu 5200 Develops new "Feature"?!
To: info-hams@ucsd.edu

 Re: 5200 shutting off. Check to sse the the remote head is securely
seated in the radio or bracket. If it loosens, the rig goes dead.

 This happens once in a long while with mine. Espcially the remote
bracket, as it's not that rigid and the left end wiggles loose.

 Greg Hader
 N7NHW FIR 470

Date: Wed, 30 Mar 1994 16:51:46 GMT
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!utnut!utcsri!newsflash.concordia.ca!
canopus.cc.umanitoba.ca!tribune.usask.ca!kakwa.ucs.ualberta.ca!gov.nt.ca!
ve8ev@network.ucsd.edu
To: info-hams@ucsd.edu

References <2m7abn$2jk@vixen.cso.uiuc.edu>, <Cn0z19.Asu@news.ci.ua.pt>,
<debmooreCnE3nI.6J6@netcom.com>pus.
Subject : Attention Island Hunters:

FOR IMMEDIATE RELEASE:

 The Inuvik Amateur Radio Club will be running an expedition to
 Hendrickson Island in the NWT (Inuvik Region) West IOTA island group.
 Ops VE8NC,VE8EV,VE8CF and VE8GC will begin operations from this
 not-yet-activated island group by 2300Z 08 April 1994 UTC.

Aound the clock operation on 20 meters and15 meters as well as
some low band and satellite work.
The callsign for the expedition will be VE8YEV.
QSL direct to any of the operators or via the buro.
73
John Boudreau
ve8ev@inukshuk.gov.nt.ca

Date: Wed, 30 Mar 1994 19:55:45 GMT
From: ihnp4.ucsd.edu!pacbell.com!uop!csus.edu!netcom.com!dsharp@network.ucsd.edu
To: info-hams@ucsd.edu

References <2n73kp$o6i@vixen.cso.uiuc.edu>, <slayCnEC6z.KDF@netcom.com>,
<2nca7d$hf2@network.ucsd.edu>p
Subject : Re: Obscenity on ham bands

Brian Kantor (brian@nothing.ucsd.edu) wrote:

> You're absolutely right - when I tuned down to the CW bands, I didn't
> hear bad language. I didn't hear any language at all - just a bunch
> of beeping noises.

> I guess they could be called obscene beeping noises, but that's really
> in the mind of the beholder.

The beauty of the CW bands is that all the obsenity is being *beeped* out.
That's what you're hearing :-)

--
        Dave Sharp - NU8H   Fairborn, Ohio   dsharp@netcom.com
        ----
        Made from only the freshest electrons and 100% pure ASCII to
       insure that you have the best possible newsreading experience.

End of Info-Hams Digest V94 #353
****
****